

LISTING OF CLAIMS:

1-13. (Canceled)

14. (Currently amended): A display device comprising:

an array of picture elements defined at areas of crossings of selection electrodes and data electrodes;

a data driver driving the data electrodes in accordance with an image to be displayed at the picture elements;

a selection driver providing selection signals to selection electrodes to drive the associated picture elements, wherein the selection driver drives a group of picture elements to display desired gray levels during a selection time, wherein the selection driver drives each picture element within the group by switching on/off state of each picture element within a sequence of consecutive time periods during the selection time,

and wherein phase of said sequence of consecutive time periods is shifted for different picture elements within the group, and wherein line time for data signal is split into a plurality of sub-line times for each consecutive time period.

15. (Previously presented): A display device as claimed in claim 14, wherein the selection electrodes and data electrodes are respectively supported on opposing substrates.

16. (Previously presented): A display device as claimed in claim 14, wherein the sequence of consecutive time periods is a sequence of consecutive frame periods.

17. (Previously presented): A display device as claimed in claim 14, wherein the selection driver, during each time period, sequentially drives the picture elements within the group during the selection time.

18. (Previously presented): A display device as claimed in claim 17, wherein the selection driver sequentially provides the selection electrodes of the group of picture elements during the selection time with selection signals to sequentially drive the picture elements.

19. (Previously presented): A display device as claimed in claim 18, wherein the selection driver provides mutually orthogonal selection signals to the selection electrodes for the group of picture elements to drive the picture elements.

20. (Previously presented): A display device as claimed in claim 17, wherein different voltages are applied to the data electrodes during sub-selection times of the selection time.

21. (Previously presented): A display device as claimed in claim 17, wherein sub-selection time-phase is changed during selection of a sub-selection time in subsequent sequences of selection times.

22. (Currently amended) A display device as claimed in claim 14, wherein the phase of the sequence of consecutive time periods is altered after each sequence of consecutive time periods, wherein phase shifting is different for a sequence of consecutive time periods during a next selection time.

23. (Previously presented): A display device as claimed in claim 22, wherein the phase of the sequence of consecutive time periods is increased or decreased by one time period between adjacent picture elements.

24. (Currently amended): A display device as claimed in claim 14, wherein the group of picture elements are driven to display a substantially same gray level.

25. (Previously presented): A display device as claimed in claim 14, further comprising a grayscale table for generating gray level data, wherein sequences of sequential gray levels are defined by grouping plurality of sequential gray levels.

26. (Currently amended): A display device as claimed in claim 25, wherein said sequences of sequential gray levels are applied to non-sequential selections of time periods driving of picture elements within the sequence of consecutive time periods.

27. (Previously presented): A display device as claimed in claim 26, wherein displayed gray levels are increased or decreased by selections from the grayscale table corresponding to a sequence of gray levels.

28. (Currently amended): A display device as claimed in claim 27, wherein increases or decreases of ~~display gray levels is limited to~~ number of selections within a sequence of selections for one time period only.

29. (Currently amended): A display device as claimed in claim 14, wherein the sequence of consecutive time periods is a sequence of consecutive frame periods, and wherein the phase shifting is changed during selection of subsequent sequences of frame periods during a next selection time.

30. (Previously presented): A display device as claimed in claim 14, wherein the number of selection electrodes is p ($p \geq 1$).

31. (Previously presented): A display device as claimed in claim 30, wherein $p = 1$, and wherein different voltages are provided to the data electrodes at sub-selection times of the selection time.

32. (Previously presented): A display device as claimed in claim 30, wherein $p = 4$.

33. (Currently amended): A display device comprising:

- an array of picture elements defined at areas of crossings of selection electrodes and data electrodes;
- a data driver driving the data electrodes in accordance with an image to be displayed at the picture elements;
- a selection driver providing selection signals to selection electrodes to drive the associated picture elements, wherein the selection driver drives a group of adjacent picture elements to display a same gray level during a selection time, wherein the selection driver drives

each picture element within the group by switching on/off state of each picture element within a sequence of consecutive frame periods during the selection time,

and wherein phase of said sequence of consecutive frame periods is shifted for adjacent picture elements within the group, wherein phase shifting is different for a sequence of consecutive time periods during a next selection time, and wherein line time for data signal is split into a plurality of sub-line times for each consecutive time period.